Roland®

# *Synthesis and beyond — a new core system for computer-based production and live performance.*

With its stunning new collection of waveforms, SonicCell™ is a synth-module marvel, yet it soars beyond the definition of a synthesizer by integrating a high-performance USB audio/MIDI interface. In addition to its ample onboard sound library, SonicCell accepts Roland's SRX expansion boards, while also letting you stream audio and MIDI data from USB memory. Equally equipped for studio or stage, SonicCell takes versatility and performance to a new level.

# SonicCell

128-Voice Expandable Synth Module with Audio Interface

COSM USB 2.0 USB MEMORY 2 SRX VST cakewalk SONAR LE DIGITAL AUDIO WORKSTATION Windows® XP Windows Vista™ COMPATIBLE Mac OS X COMPATIBLE (v10.4.3 or later)

The SONAR LE is only for Windows.

## Superior new waveforms from acoustic sources.

SonicCell™ is powered by a Fantom X-class synth engine with 128-voices. In addition to its high-quality built-in sounds, extra emphasis has been placed on frequently used acoustic sounds for a new level of authenticity and expressiveness. With the dedicated power that only a hardware synthesizer can provide, SonicCell takes the load off the computer and puts the power into your hands.

## Expand and customize with SRX expansion boards.

In addition to its full complement of incredible onboard sounds, you can easily enlarge your palette by adding Roland's famous SRX-series expansion boards. The extensive SRX library provides instant access to a world of high-quality sounds, from cutting-edge to classical. Two slots are provided to enable use of SRX boards — the same boards that have become perennial favorites among professionals around the world.

## USB integration for computer-based production.

SonicCell is an ideal choice if you work in a computer-based production environment. As well as providing an outstanding sound engine, SonicCell can function as a USB 2.0* audio interface with 24-bit/96 kHz I/O. Other convenient features include combo XLR and TRS connector, phantom power for condenser mics, Hi-Z input for guitar and bass, and line input.

*Compatible with Hi-Speed mode only

## Creative new streaming playback functions for live performance.

SonicCell is equipped with a built-in port for USB memory. As well as streaming playback of MP3, WAV, and AIFF transferred from a computer to USB memory, SonicCell can play stored SMF data. Without fuss or complications, you can play backing tracks for live performance by simply plugging in a USB memory stick. Using the supplied playlist editor, you can easily program the playback sequence.

■Playlist editor screen

## Software included for computer-music production.

Bundled with Cakewalk SONAR LE, SonicCell lets you dive into serious music composition from day one, while the supplied plug-in editor (compatible with both Windows VSTi and Mac OS AudioUnits) allows SonicCell's 16 parts to be displayed with total recall on a computer display. Naturally, the sound production and processing muscle is provided by SonicCell, which removes the processor strain on your computer.

■Plug-in editor and SONAR LE screens

## Streamlined design for style, portability, and ease.

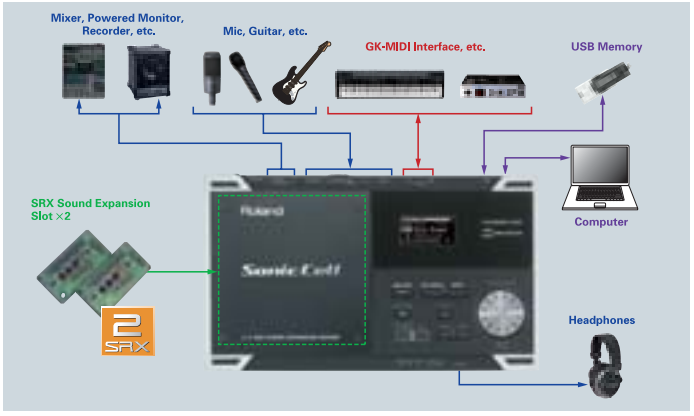
- Bright OLED (Organic Light Emitting Diode) with wide viewing angle lets you see clearly even on a dark stage.
- Value dial also functions as a push button for fast operation.
- Low-profile body is easy to carry around; optional CB-SP1 carrying bag is available.
- Angled for desktop use via optional BKT-S bracket.
- Optional PDS-10 pad stand allows SonicCell to be placed at a comfortable operating height.

■BKT-S

■CB-SP1



■PDS-10




**SPECIFICATIONS** [Sound Generator Section] •**Parts** 16 parts •**Maximum Polyphony** 128 voices •**Wave Memory** 128 M bytes (16-bit linear equivalent) •**Expansion Slots** Expansion of waveforms and patches for the internal sound generator SRX expansion boards: 2 slots •**Preset Memory** Patches: 896 + 256 (GM2), Rhythm Sets: 32 + 9 (GM2), Performances: 64 •**User Memory** Patches: 256, Rhythm Sets: 32, Performances: 64 •**External Memory** USB Memory •**Effects** Multi-Effects: 3 systems/78 types, Chorus: 3 types, Reverb: 5 types, Input Effect: 6 types, Mastering Effect: 3 bands Compressor [Audio Interface Section] •**Number of Audio Input/Output Channels** Input: 1 pair of stereo (MIC, GUITAR: Monaural/LINE: Stereo), Output: 1 pair of stereo •**Signal Processing** PC interface: 24 bits, AD/DA Conversion: 24 bits •**Sampling Frequency** AD/DA Conversion: 44.1/48/96 kHz •**Nominal Input Level** Input jack (MIC/GUITAR/LINE (L)) Mic: -50 to -30 dBu, Guitar: -30 to -10 dBu, Line: -30 to -10 dBu, Input jack (LINE (R) ) Line: -30 to -10 dBu •**Nominal Output Level** Output jacks: -10 dBu [SMF/Audio File Player Section] •**File Format** Standard MIDI File: format-0/1, Audio File: WAV, AIFF, MP3 [Others] •**Display** 128 x 64 dots organic EL graphic display •**Connectors** Output jacks (L/MONO, R), Headphone jack, Input jacks (MIC/GUITAR/LINE(L), LINE(R)) (MIC: 1/4 inch phone type or XLR type(phantom power) / GUITAR: 1/4 inch phones type(always Hi-Z) / Line (L): 1/4 inch phone type, LINE (R) (1/4 inch phone type)), MIDI Connectors (IN, OUT), USB Connectors (COMPUTER (supports USB Hi-Speed USB MIDI, and USB Audio), MEMORY (supports USB 2.0 Hi-Speed Flash Memory)) •**Power Supply** DC 9 V (AC Adaptor) •**Current Draw** 800 mA •**Demensions** 294 (W) x 175 (D) x 55 (H) mm 11-5/8 (W) x 6-15/16 (D) x 2-3/16 (H) inches •**Weight** 1.2 kg / 2 lbs 11 oz (excluding AC Adaptor) •**Accessories** Startup Guide, Manual, CD-ROM (Sound Editor, Librarian, Playlist Editor, USB Driver), CD-ROM (SONAR LE), Wrench, AC Adaptor (PSB-1U), USB Cable •**Options** Wave Expansion Board: SRX Series, USB Memory: M-UF128, SonicCell stand and PDS-10 bracket: BKT-S, Pad Stand: PDS-10 (0 dBu = 0.775 V rms)

**System Requirements (SonicCell Editor)**

[Macintosh] Mac OS® X v10.4.3 or later, PowerPC® G4 CPU with 1 GHz or higher clock speed or Intel® processor, 512 MB or more RAM, no less than 160 MB free space on hard disk, 1280 x 800, full color display/color or more, USB 2.0 port and CD-ROM drive equipped

[Windows] Microsoft® Windows® XP or Windows Vista™ , Pentium® or Celeron® CPU with 1.4 GHz or higher clock speed, 512 MB or more RAM, no less than 160 MB free space on hard disk, 1280 x 800 full color display/color or more, USB 2.0 port and CD-ROM drive equipped

*For more details of system requirements, please visit the SonicCell product page at www.Roland.com.

■Rear Panel

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